

L 3767-66

ACCESSION NR: AT5023956

ENCLOSURE: 01

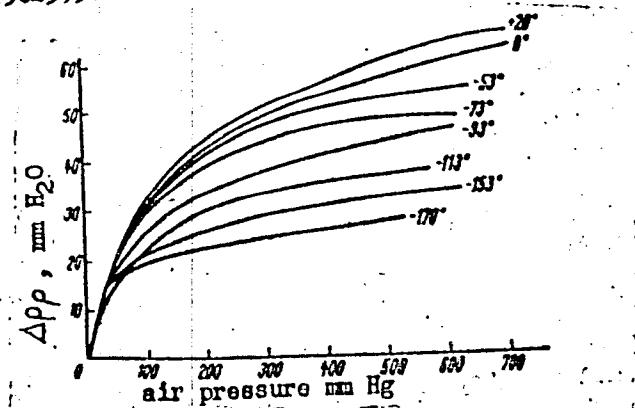


Fig. 1.  
Resistance  $\Delta p$  of the filtering material FPA-15 for different residual pressures as a function of air stream temperature. Linear velocity of air stream for all cases 100 cm/sec.

SC  
Card 3/3

12

Bound ascorbic acid in plant tissues and its nutritive importance. D. M. Suntsov (First Moscow Med. Inst.). *Biokhimiya* 22, 339-341 (1947). To the amt. of ascorbic acid detd. in cabbage by titration must be added 30%, which is present in the form of a complex. Feeding expts. with guinea pigs have shown that the ascorbic acid liberated from the complex by acid hydrolysis is as effective as pure cryst. ascorbic acid. In the unhydrolyzed form, the ascorbic acid is only about half as active. Moderate cooking of cabbage actually results in an increase of the vitamin C activity, because of the hydrolysis of the ascorbic acid complex. H. Dreicer

## ASR 350 - METALLURGICAL LITERATURE CLASSIFICATION

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

SCHTSOV, P. M.

Moscow, -cl:48--.

Mar., Chair of Biochemistry, First Moscow Med. Inst., -cl:48--.

"Properties of bound ascorbic acid in plants," Biokhimiya, 13: 6, 1948.

BNL Guide, 2: 4, 1948.

CA

118

Properties of bound ascorbic acid. B. M. Smirnov.  
*Biochimya* 13, 493-500(1948); cf. *C.A.* 42, 6470d.  
 Bound ascorbic acid (I) from cabbage is extremely re-sistant to the action of atm. O<sub>2</sub> even in the presence of ascorbic acid oxidase. Unlike free ascorbic acid, I is not oxidized on the surface of activated C. An alc. soln. of I may be kept at room temp. in the presence of O<sub>2</sub> for a month without undergoing appreciable decompr. The ease with which I would be hydrolyzed in the stomach is gauged by the fact that about 80% of I is decompr. at 37° in 5-6 hrs. in the presence of 0.2% HCl and in the presence or absence of pepsin. Although free ascorbic acid forms a Pb salt insol. in alc., I is not pptd. by Pb salts from aq. or alc. solns. Protein precipitants are without action on I. I dialyzes freely through collodion membranes and is not colloidal. The second component of I is not a protein.  
 H. Priestley

## ASB-ILA METALLURGICAL LITERATURE CLASSIFICATION

SEARCHED		SERIALIZED		INDEXED		FILED	
SEARCHED	SEARCHED	SERIALIZED	SERIALIZED	INDEXED	INDEXED	FILED	FILED
SEARCHED	SEARCHED	SERIALIZED	SERIALIZED	INDEXED	INDEXED	FILED	FILED

SUMSOV, V. V.

Nbr., Chair Biochemistry, 1 st. Moscow Med. Inst., -1947-. "Combined Ascorbic Acid in Plant Tissues and Its Nutritive Significance," Biotekhnika, 12, No. 6, 1947; "Bonded Form of Ascorbic Acid Found in Bodies (Ascorptigen)," Uspekhi Sovrem. Biol., 27, No. 2, 1948.

SHIBOV, B. V.

"The Optimal Form Of Ascorbic Acid In The Organism. (Ascoragine)" (§. 473) by Shubsov B. V.  
(Kosac.)

cc: PROBLEMS OF CONTEMPORARY BIOLOGY (Us. Sovrem. Biol) Vol. XXVII 1949, No. 2-March-April.

SUMSOV, B. M.

FDB

PA 47/49T51

USSR/Medicine - Ascorbic Acid  
Medicine - Vitamin C

Mar/Apr 49

"Bonded Form of Ascorbic Acid Found in Bodies  
(Ascorbigen)," B. M. Sumsov, Moscow, 24 pp

"Uspekhi Sovrem Biol" Vol XXVII, No 2

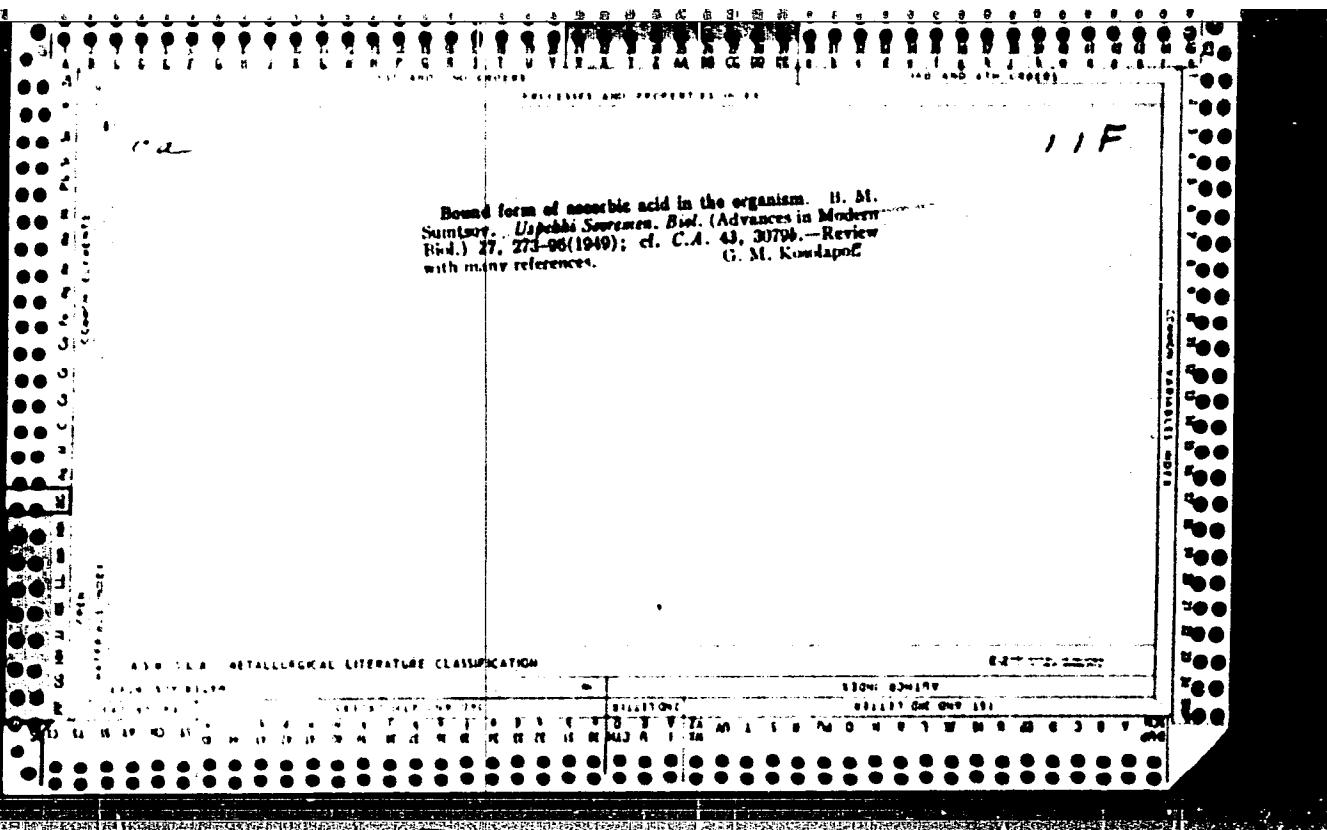
Discusses: (1) data on existence of compounded forms of Vitamin C, (2) data refuting existence of compounded forms of Vitamin C, (3) possible principles governing increment of ascorbic acid brought about by boiling or hydrolysis of tissues or extracts, and (4) conclusions. Claims problem of existence of compounded forms of Vitamin C is of great

FDB

47/49T51  
USSR/Medicine - Ascorbic Acid (Contd) Mar/Apr 49

interest to Soviet scientists, who hope to solve it shortly.

47/49T51



SITENKOV D.N.

4622. Sitenkov D.N. Methods for concentration and quantitative determination of vitamin C in plant products Biokhiz., Moscow 1958, 15/2 (117-120)  
Graphs 1 Tables 4

Found ascorbic acid in cabbage is resistant to oxidation. It can be adsorbed from solution on activated charcoal and eluted with a mixture of 3 parts alcohol and 7 parts chloroform at 70-80°. The free vit. C is oxidized during this treatment. The elute is rapidly hydrolysed with 0.6 o/o HCl in a stream of CO<sub>2</sub> and the ascorbic acid determined by indophenol titration. Results with vegetables other than cabbage are less satisfactory. A concentration of 50-100 fold can be obtained by this method.

Leicester - San Francisco

SO. Excerpta Medicina Section II Volume 4 Number 8

SUTS v. S.A.

Suntsov, G.D., and L.M. Dykman, 1950, "Methods of Concentration and Quantitative Determination of Combined Ascorbic Acid in Plant Tissue Preparations,"  
Biokhimiya, 15, 112.

Concentration and determination of bound ascorbic acid  
in plant material. B. M. Smirnov (First Moscow Med.  
Inst.). *Doklady Akad. Nauk SSSR* 13, 112-20 (1959); cf. C.A. 53,  
36746. — The concn. and purification of bound vitamin C by  
the method of Ghosh and Gaba (C.A. 34, 2472) was im-  
proved. The adsorbent was activated wood C, 1.5-2.0 g  
of which was used for a l. of cabbage ext. The eluent was  
30 ml. of a mixt. of 3 parts of alc. and 7 parts of  $\text{CHCl}_3$ .  
After evapn. of the solvent, the bound ascorbic acid was  
dissolved in water and shaken up with kaolin, to remove  
impurities. The aq. soln. was concd. *in vacuo* to a syrup.  
This was extd. with  $\text{Me}_2\text{CO}$  and evapd. on the water bath.  
The residue of bound ascorbic acid had thereby been  
concd. 30-100 times. Radishes, potatoes, and mandarin  
orange (peel) contained considerably less bound ascorbic  
acid than cabbage. H. Priestley

SUMTSOV, B. N.

The esterase activity of milk and blood plasma is proportional to fat content in the blood. The ratio of esterase activity in the blood to that in the milk is approximately 1.5.

Figure 1. Esterase activity in blood and milk.

and in the enzymic activities of blood and milk. As a rule, the ratio of esterase activity in the blood to that in the milk is approximately 1.5.

Similarly, the ratio of lipase activity in the blood to that in the milk is approximately 1.5.

As a result, the ratio of esterase activity in the blood to that in the milk is approximately 1.5.

SUMTSOV, B.M.; MURAV'YEVA, N.I.

Investigation of esterase activity of milk and blood serum in cows  
and its relation to milk fat and stage of lactation. Zhur. ob.biol.  
15 no.5:388-396 S-O '54. (MLRA 7:12)

1. Laboratoriya biokhimii Vsesoyuznogo nauchno-issledovatel'skogo  
instituta kormleniya s.kh. zhivotnykh.

(ESTERASES,  
in blood & milk in cows)

(BLOOD,  
esterases in cows)

(MILK,  
esterases in cows)

SUMTSOV, B.M. (Moskva)

Vitamin C requirements. Vop. pit. 18 no. 6:71-75 N-D '59.  
(MIRA 14:2)  
(ASCORBIC ACID)

SUMTSOV, B.M.

Fractionation of proteins in human milk by paper electrophoresis  
[with English summary in insert]. Biokhimiia 21 no.6:793-798  
N-D '56. (MIRA 10:7)

1. Kafedra biokhimii 2-go Moskovskogo meditsinskogo instituta.  
(PROTEINS, determination,  
in human milk, electrophoretic fractionation (Rus))  
(MILK, HUMAN,  
proteins, electrophoretic fractionation (Rus))

SUMTSOV, B.M.

Esterase activity and protein composition of milk. *Pediatriia* 37  
no.10:31-34 O '59. (MIRA 13:2)

1. Is kafedry biokhimii II Moskovskogo meditsinskogo instituta.  
(MILK, HUMAN chem.)  
(PROTEINS chem.)  
(ESTERASES chem.)

Sumtsov N. N.

3686. Sumtsov N. N. A bound form of ascorbic acid in the organism (ascorbigen)  
Progress of Contemporary Biology, Moscow 1960, 27/2 (273-296)

Literature data in favour of the existence of the hypothetic bound form of  
ascorbic acid (ascorbigen) are compared with those against this hypothesis.  
After a detailed analysis it is concluded that ascorbigen probably does exist  
and that the idea of existence of ascorbigen is more 'progressive' than the  
opposite idea.

Prochazka - Prague

SO: EXCERPTA MEDICA Section II Volume III No. 7

KHUDOYAN, T.S.; SHAROV, A.; CHIRKOV, I. (Stalinsk, Kemerovskaya oblast');  
KHAUSTOV, S. (g.Novoshakhtinsk); ARKHIPOV, V., avtomatchik;  
SHEVCHENKO, B.; GETMANSKAYA, Ye.; SUMTSOV, I.; KURDYUKOVA, L.,  
doyarka; BABIY, V. (Chernovitskaya oblast'); MAKAROV, N.;  
SOKOLOV, K.; SINITSKIY, N.

Letters to the editor. Sov. profsoiuzy 17 no. 5:35-39 Mr '61.  
(MIRA 14:2)

1. Zaveduyushchiy otdelom truda i zarplaty respublikanskogo sovprofa Armenii (for Khudoyan).
2. Staleprokatnyy zavod, Leningrad(for Arkhipov).
3. Predsedatel' pravleniya kluba sovkhoza "Krasnyy Oktyabr'," Voronezhskoy oblasti (for Shevchenko).
4. Chleny pravleniya kluba sovkhoza "Krasnyy Oktyabr'," Voronezhskoy oblasti (for Getmanskaya, Sumtsov).
5. Sovkhoz "Krasnyy Oktyabr'," Voronezhskoy oblasti (for Kurdyukova).
6. Predsedatel' tsekhkoma kotel'no-svarochnogo tseka Vol'skogo zavoda "Metallist" (for Makarov).
7. Predsedatel' postroykoma Stroitel'nogo uchastka No. 2, g.Gagra, Gruzinskaya SSR (for Sinitskiy).

(Trade unions) (State farms)

SUMTSOV, R. V., (USSR)

"Electrophoretic Study of Milk Esterase  
and Protein Linked Vitamin C."

Report presented at the 5th Int'l. Biochemistry Congress,  
Moscow, 10-16 Aug 1961.

MAKARENKO, S.F.; SUMTSOV, V.F.

Unit for injecting powder materials into liquid metal. Mashino-  
stroenie no.2:114-115 Mr-Ap '62. (MIRA 15:4)  
(Foundries--Equipment and supplies)

MAKARENKO, S.F.; STOYANCHENKO, S.I.; SUMTSOV, V.F.

Device for weighing liquid metal. Mashinostroenie no.3:114-115 My-Je  
'62. (MIRA 15:7)  
(Weighing machines)

MAKARENKO, S.F., inzh.; STOYANCHENKO, S.I., inzh.; CHERNYKH, O.G., inzh.;  
SUMTSOV, V.F., inzh.

Melting steel in a converter with side blow stopping at a given  
carbon content. Mashinostroenie no.4:46-48 J1-Ag '62.  
(MIRA 15:9)

1. Luganskiy zavod imeni Parkhomenko.  
(Bessemer process)

IL'CHENKO, A.I., inzh.; KRASILOVSKIY, L.S., inzh.; LISOVTSYEV, P.A., inzh.;  
MAKARENKO, S.F., inzh.; STOYANCHENKO, S.I., inzh.; SUMTSOV, V.F.,  
inzh.; CHERTKOV, D.S., inzh.

Investigating the strength of the magnetic field of suspended  
electromagnetic separators. Ugol.prom. no.5146-50 S-0 '62.  
(MIRA 15:11)

1. Mashinostroitel'nyy zavod im. Parkhomenko.  
(Magnetolectric machines—Testing)

MAKARENKO, S. F.; STOYANCHENKO, S. I.; SUMTSOV, V. F.

Making metal molds without machines. Mashinostroenie no.5:  
111-112 S-0 '62. (MIRA 16:1)

(Molding(Founding)—Equipment and supplies)

MOSKOV, B.A., kand.tekhn.nauk; MAKARENKO, S.F., inzh.; SUMTSOV, V.F.,  
inzh.; STOYANCHENKO, S.I., inzh.

Blowing gases through liquid metals. Mashinostroenie no.6:  
39-43 N.D '62. (MIRA 16:2)

1. Khar'kovskiy politekhnicheskiy institut (for Noskov).  
2. Luganskiy vecherniy mashinostroitel'nyy institut (for  
Makarenko, Sumtsov). 3. Luganskiy zavod im. Parkhomenko (for  
Stoyanchenko).

(Metallurgy)

KRASILOVSKIY, L.S., inzh.; MAKARENKO, S.F., inzh.; SUMTSOV, V.F., inzh.

Mechanizing the casting of traction chain rolls. Mekh.i avtom.pre-  
izv.16 no.5:li '62.

(MIRA 16:5)

(Foundries—Equipment and supplies)

IVANOV, V.I., inzh.; STOYANCHENKO, S.I., inzh.; SUMTSOV, V.F., inzh.;  
MAKARENKO, S.P., inzh.; MASLENNIKOVA, G.P., inzh.

Improvement of founding processes and heat treatment of gear  
wheels. Mashinostroenie no.3:55-56 My-Je '63.  
(MIRA 16:7)

1. Luganskiy zavod im. Parkhomenko.  
(Die casting)

VASHCHENKO, K.I., doktor tekhn.nauk, prof.; SUMTSOV, V.F., aspirant;  
STOYANCHENKO, S.I., inzh.

Using magnetic cast iron as soft magnetic material for casting  
cores of suspended electromagnetic separators. Izv.vys.ucheb.  
zav.; mashinostr. no.7:182-189 '63. (MIRA 16:11)

1. Kiyevskiy politekhnicheskiy institut.

VASCIENKO, K.I. [Vashchenko, K.I.] , SUMCOV, V.F. [Sumtsov, V.F.]

Spheroidal graphite cast iron as material for magnetic circuits  
of electromagnetic separators. Slevarenstvi ll no.11' 363-467  
N'63.

VASHCHENKO, K.I., doktor tekhn.nauk; SUMTSOV, V.F., inzh.; MAKARENKO, S.F.,,inzh.

Choice of the optimum dimensions of the magnetic circuit of an electro-magnetic pulley. Elektrotekhnika 34 no.12:32-35 D '63. (MIRA 17:1)

CHERNYKH, O.G.; STOYANCHENKO, S.I.; SUMTSOV, V.F.

Device for the abrasive wear of alloys at high temperatures.  
Zav. lab. 30 no.9:1137-1138 '64. (MIRA 18:3)

1. Luganskiy mashinostroitel'nyy zavod imeni Parkhomenko.

VASHCHENKO, K.I.; SUMTSOV, V.F.

Magnetic properties of magnesium cast iron. Lit.proizv. no.7:28-31  
(MIRA 18:4)  
Jl '64.

ACCESSION NR: AP4044902

S/0032/64/030/009/1137/1138

AUTHORS: Chernykh, O. G.; Stoyanchenko, S. I.; Sumtsov, V. F.

TITLE: An apparatus for determining the abrasive wearing of alloys at high temperatures

SOURCE: Zavodskaya laboratoriya, v. 30, no. 9, 1964, 1137-1138

TOPIC TAGS: alloy abrasion, metal durability/ Kh25N12T steel, 30Yu6 alloy, 30 Yu16 alloy, 30 Yu 20 alloy, Kh18N9T steel

ABSTRACT: An apparatus, shown in Fig. 1 on the Enclosure, was developed for studying abrasive wearing of alloys at temperatures up to 1200C. Here (1) is a resistance oven, (2) is a cover, (3) is rotating bar, (4) is self-centering disk with three holders (diameter 10.1 mm and depth 10 mm) for three round (diameter 10 mm and length 20 mm) specimens, (5), (6) are chromomagnesium abrasive, (7) is an air-cooled breech, (8) is gearing, (9) is a thermocouple for oven temperatures. The temperatures and rotation velocity for testing can be varied through broad limits. Losses through sample abrasive wearing are determined by the formula:  $\Delta G = q \frac{10}{F_1}$ , where

$\Delta G$  is the loss in weight of the specimen in grams with  $1 \text{ m}^2$  of exposed alloy surface per hour;  $q$  - the mean magnitude of abrasive wearing of three specimens "Cord" 1/3

ACCESSION NR: AP4044902

(loss measured in milligrams),  $F$  - area of exposed specimen surface in square centimeters, and  $T$  - time of testing in hours. A plot is presented showing the temperature dependence of abrasive losses for three aluminum alloys tested at fixed rotation velocity, fixed normal load, and through the temperature interval from 700 to 1100C. The tests indicate that increased aluminum content yields better abrasion resistance. Orig. art. has: 2 figures and 1 equation.

ASSOCIATION: Luganskiy mashinostroitel'nyy zavod im. Parkhomenko (Lugan' Machine Construction Factory)

SUBMITTED: 00

ENCL: 01

SUB CODE: MM

NO REF Sov: 000

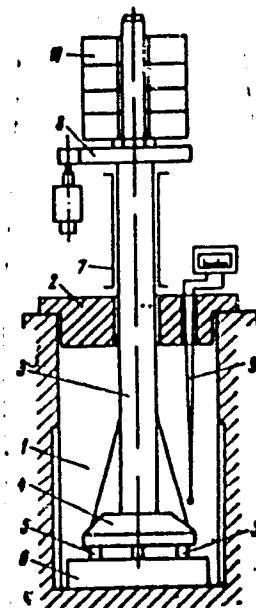
OTHER: 000

Card 2/3

ACCESSION NR: AP4044902

ENCLOSURE: 01

Fig. 1. A scheme of the apparatus for determining abrasive wearing of alloys at high temperatures.



Card 1 3/3

V. V. CHERNIAK, k. i., doktor tekhn.nauk, prof.; SUMINOV, V. F., kand.tekhn.  
nauk; RICHANERENKO, S. I., inzh.; KARTASHYAN, V. O., inzh.;  
DOLIN, G. T., inzh.

Elements of the design of suspension-type electromagnetic  
iron separators. Elektrotehnika 36 no.12:36-40 p. 165.  
(M:1:1)

CHIRYK, C.G., Inzh.; SUMGOV, V.F., kand. tehn. nauk

Effect of the addition of the Ni5 cerium alloy on the properties of  
heat resistant aluminum-silicon cast iron. Lit. proissv. no.1:45-46  
Ju '66.  
(MFA 19:1)

Sumtsov, V.S.

AUTHOR: Sumtsov, V.S.

21-5-17/26

TITLE: On the Boundary Conditions on the End Faces of an Elastic Cylinder (K voprosu o granichnykh usloviyakh na tortsakh uprogogo tsilindra)

PERIODICAL: Dopovidi Akademii Nauk Ukrains'koi RSR, 1957, Nr 5, pp. 494-498 (USSR)

ABSTRACT: This paper considers the question of satisfying the boundary conditions on the end faces of a short thick-walled elastic cylinder, when the load is applied to its lateral surfaces (non-axial-symmetric deformation). Equilibrium equations are written down in cylindrical coordinates according to Papkovich (Ref.1). Each of the displacement vectors is represented in the form (2) and then in forms (3), (5), (6) and (7), whereby six additional constants are obtained for  $m = 0, 1, 2$ , and these are employed for satisfying the conditions at the end faces of the cylinder. Numerical computations show the satisfactory result.

The article contains 2 figures and 2 references, one of which is Slavic.

Card 1/2

21-5-17/26

On the Boundary Conditions on the End Faces of an Elastic Cylinder

ASSOCIATION: Khar'kov Polytechnic Institute  
(Khar'kiv's'kyy politekhnicnyy instytut)

PRESENTED: By G.N. (H.M.) Savin, Member of the AN Ukrainian SSR

SUBMITTED: 15 October 1956

AVAILABLE: Library of Congress

Card 2/2

SUMTSOV, V.S. (Khar'kov)

Stressed state of a cylinder of finite length. Prykl. mekh. 4  
no.4:433-441 '58. (MIRA 11:12)

I.Khar'kovskiy politekhnicheskiy institut.  
(Elastic plates and shells)

SUMTSOV, V.S.

Some data on stress concentration in closed heads. Sbor. trud.  
Lab. gidr. mash. no.7:217-224 '58. (MIRA 12:9)  
(Strains and stresses)

SUMTSOV, V.S., kand.tekhn.nauk

Using the polarization optical method in investigating in the effect  
of the amount of clearance on the stress concentration in parts  
similar to solid heads of connecting rods. Izv.vys.ucheb.sav.;  
mashinostr. no.11;8-11 '60. (MIRA 14:1)

1. Khar'kovskiy politekhnicheskiy institut.  
(Strains and stresses)

ACC NR: AT7002119

(N)

SOURCE CODE: UR/0000/66/000/000/0335/0338

AUTHOR: Sumtsov, V. S.

ORG: none

TITLE: An investigation of stress distribution in (mechanical) joints

SOURCE: Vsesoyuznaya konferentsiya po polaryazatsionno-opticheskому metodu issledovaniya napryazheniy. 5th, Leningrad, 1964. Polaryazatsionno-opticheskiy metod issledovaniya napryazheniy (Polarizing-optical method of investigating stresses); trudy konferentsii. Leningrad, Izd-vo Leningr. univ., 1966, 335-338

TOPIC TAGS: turbine, turbine blade, contact stress, elastic stress, tensile stress, stress analysis

ABSTRACT: The author reports the results of an investigation of stress distribution in edge joints at the tail end of turbine blades subjected to tensile stress. In particular, the stress dependence on the size of the gaps in the joint was evaluated. A turbine blade is shown in Figure 1. Optically sensitive phenolic plastic was used to produce a model of the rotor. A tensile force of 250 kg was applied axially. Stress distribution patterns were obtained and plotted. Numerical data recorded during the tests are included in tabular form.

Card 1/2

ACC NR: AT7002119

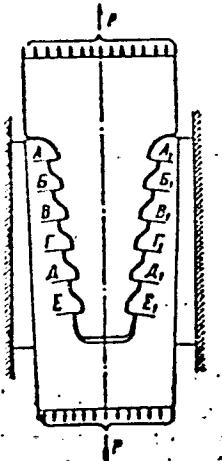


Fig. 1

Orig. art. has: 5 figures.

SUB CODE: 101 SUBM DATE: 14Jun66/ ORIG REF: 004

Card 2/2

SUMTSOVA, M.I.

Plantago as a tonic in ambulatory practice. Sov.med. 20 no.6:72  
'56. (MIRA 9:9)

1. Zaveduyushchaya zdravpunktom Khar'kovskogo plitochnogo zavoda.  
(PSYLIUM, therapeutic use,  
(Rus))

SUMTSOVA, YE.YA.

VEYSMAN, V.O.; SUMTSOVA, Ye. Ya.; PENTKOVSKAYA, V.N.

Steam disinfection of objects infected with dermatophytes. Gig. i  
san. no.7:43-45 Jl '54. (MLRA 7:8)

1. Iz Moskovskoy gorodskoy desinfektsionnoy stantsii.

(FUNGIC,

\*steam disinfection of infected objects)

(ANTISEPSIS AND ASPEPSIS,

\*steam disinfection of objects infected with dermatophytes)

SJNA, U.

Academy of Sciences of the Latvian S.S.R. at a new stage in  
the development of Soviet science. Izv.AN Latv.SSR no.7:  
149-153 '63. (MIRA 17:4)

SURA, ZH. YU.

Riga County - Forests and Forestry

Leaders of Riga forestry. Les. khoz. 5, no. 9, 1952

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

USSR, Lh. 1.

Experience of the Riga Front Administration. Moscow, Soslesbmidt, 1953. 45p.  
(2-17/11)

DD217.15.03

SUNA, Zh. Yu. Cand Agr Sci -- (diss) "The Reforestation of  
Clearings in the Pine Forests of the Green Zone of the City of Riga."  
Riga, 1957. 29 pp 20 cm. (Academy of Sciences Latvian SSR, Inst  
of Forest Management Problems), 200 copies (KL, 28-57, 111)

8/137/61/000/012/084/149  
A006/A101

AUTHORS: Genis, A.A., Kabo, M.A., Pliner, L.R., Sunakslis, Ya.M., Timbars, T.M., Yanushkovskiy, V.A.

TITLE: Experiences in the use of relay-type radioactive devices in automating technological processes at the "Sarkanais Metallurgs" Plant

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 12, 1961, 15, abstract 12D105 (V sb. "Radioakt. izotopy i yadern. izlucheniya v nar. kh-ve SSSR, v. 3", Moscow, Gostoptekhizdat, 1961, 145)

TEXT: At the Liepaya metallurgical plant a number of operations of technological processes are being automated with the aid of control equipment manufactured by serial production. Automation is based on the use of radioactive isotopes. The following operations are being automated: control of the automatic removal of the sheet off the finished metal conveyer belt; blocking unit on cold cutting shears of mill 350; control of the compressor unit operation at the oxygen station ГК-30 (OK-30). The introduction of radioactive automation led to improved labor conditions and reduced the number of workers. N. Yudina  
[Abstracter's note: Complete translation] ✓

Card 1/1

BORODAVKIN, Petr Petrovich; SUNARCHIN, Aval' Khodzhayevich.  
Prinimal uchastiye SHADRIN, O.B., inzh.

[Construction of pipelines under complex conditions]  
Stroitel'stvo magistral'nykh truboprovodov v slozhnykh  
usloviakh. Moskva, Nedra, 1965. 214 p. (MIRA 18:7)

SUMARUSLOV, T. S.

"The Microscopic Changes in Some Peripheral Nerve Ganglia After an Experimental Injury (Extirpation) to the Cerebrum." Cani Med Sci, Bashkir State Medical Inst, Ufa, 1955. (KL, No 16, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations  
Defended at USSR Higher Educational Institutions (16).

SUNARGULOV, T.S., kandidat meditsinskikh nauk (Ufa)

Cases of nonspecific chronic thyroiditis of the Hashimoto type.  
Probl. endok. i gorm. 2 no.4:124-126 Jl-Ag '56. (MLRA 9:11)

1. Iz kinfedry patologicheskoy anatomii (zav. - zaishuzhennyy deyatel' nauki Bashkirskoy ASSR prof. V.A.Zmukhin) Bashkirskogo meditsinskogo instituta (dir. - dotsent N.P.Vorov'yev) i patogistologicheskoy laboratorii Respublikanskoy klinicheskoy bol'nitsy (glavnnyy vrach U.A.Aleksseyev)

(THYROIDITIS, case reports,  
Hashimoto's dis. (Rus))

SUNARGULOV, T.S. (Ufa)

A table for a macroscopic examination of biopsy and autopsy material [with summary in English]. Arkh.pat. 21 no.1:65 '59.  
(MIRA 12:1)

1. Iz kafedry patologicheskoy anatomii (sav. - sasluzhennyy deytel' nauki BASSR prof. V.A. Zhukhin) Bashkirskogo meditsinskogo instituta (dir. - dots. N.F. Vorob'yev).

(PATHOLOGY, appar. & instruments,  
table for macroscopic exam. of biopsy & autopsy material (Rus))

SUMARZULOV, T.S., kand.med.nauk

Perforation of the common carotid artery by a grain of wheat-grass. Vest.otorin. 21 no.3:93-94 My-Je '59. (MIRA 12:9)

1. Iz patologoanatomiceskogo otdeleniya Respublikanskoy bol'-nitsy i kafedry patologicheskoy anatomii (zav. - zasluzhennyy deyatel' nauki Bashkirskoy ASSR prof.V.A.Zhukhin) Bashkirskogo meditsinskogo instituta.

(ARTERIES, CAROTID, porf.  
common carotid, by grain of Agropyrum (Rus))

LEYTES, A.L., kand.med.nauk; SUNARGULOV, T.S., kand.med.nauk

Some problems in ileo- and colocystoplasty in an experiment.  
(MIRA 14:11)  
Urologiia no.5:40-42 '61.

1. Iz kafedry normal'noy anatomi (zav. - prof. S.Z. Lukmanov)  
i kafedry patologicheskoy anatomi (zav. - prof. V.N. Zhukhin)  
Bashkirskogo meditsinskogo instituta.  
(BLADDER-SURGERY) (COLON (ANATOMY)-TRANSPLANTATION)  
(ILEUM-TRANSPLANTATION)

ACCESSION NR: AR4023355

S/0299/64/000/004/M018/M018

SOURCE: RZh. Biologiya, Abs. 4M129

AUTHOR: Leytes, A. L.; Sunargulov, T. S.

TITLE: Morphological changes in a bladder graft transplanted into the intestine after transection of the major afferent vessels and nerves

CITED SOURCE: Sb. nauchn. tr. morfol. kafedr. Bashkirsk. med. in-t, v. 13, no. 1, 1963, 221-222

TOPIC TAGS: intestinal graft, intestinal graft acceptance, graft related muscular atrophy, graft related sclerosis, bladder graft, organ graft

TRANSLATION: Triangular grafts from the posterior wall of the bladder were transplanted into the descending colon or its segment in 15 dogs. The grafts retained the structure characteristic of the area of origin over periods ranging from 3 days to 9 months. Growth of connective tissue appeared to various degrees in different experiments, either where the vessels and nerves of the graft were preserved undisturbed, or in cases of simultaneous or staggered transection.

Card 1/2

ACCESSION NR: AR4023355

Sclerosis usually developed along the contour of the natural intermuscular layers and formed ring-shaped envelopments around muscle bands. As a result, the latter were subject to slowly increasing atrophy. N.S.

DATE ACQ: 16Mar64

SUB CODE: AM

ENCL: 00

Card 2/2

SUNARGULOVA, S.M. (Ufa)

Promedol addiction. Klin.med. 35 no.6:116-118 Je '57. (MLRA 10:8)

1. Iz kafedry psichiatrii (zav. - prof. A.Yu.Vyasanovskiy) Bashkir-skogo meditsinskogo instituta (dir. - dotsent N.F.Vorob'yev) i Respublikanskoy psichiatriceskoy bol'nitsy (glavnyy vrach G.A. Golovach)

(ANALGESICS, addiction  
4-phenyl-4-propoxy-1,2,5,-trimethyl-piperidine)

MILOJEVIC, Radisa; SUNARIC, Olga

Geologic aspect of the Prolog lignite deposits in the coal basin of  
Livno. Geol glas BiH no.6:85-101 '62.

MILOJEVIC, Radisa; SUNARIC, Olga

Attempt at stratigraphic division of freshwater sediments of the  
Duvno Basin, and some economic and geologic moments in the development  
of its coal facies. Geol glas BiH 9:59-75 '64.

1. Submitted June 3, 1964.

KRMPOTIC, J.; SUMARIC, R.

Complete dissection of Nervus petrosus superficialis maior  
in the therapy of ozena. Bul sc Youg 7 no.6:162 D '62.

1. Zavod za anatomiju Medicinskog fakulteta, Zagreb (for  
Krmpotic). 2. Opca bolnica dr Mladena Stojanovica, Zagreb  
(for Sunaric).



SUNARIC, Radomir, dr.

Successful surgical therapy of a case of neurinoma of the acoustic  
nerve. Lijecn. vjesn. 84 no.4:345-349 '62.

1. Iz Instituta za proucavanje i zastitu uha i disnih putova.

(ACOUSTIC NERVE neopl)  
(NEURILEMMOMA surg)

YUGOSLAVIA

KRAPOTIC, Jelena; SUNARIC, Rade; NEMANIC, Djordje; and MIKAC-DEVIC, Dusanka, Clinic for Otorhinolaryngology of the General Hospital "Dr. M. Stojanovich" and Department of Anatomy, Medical Faculty of University (Otorinolaringolska klinika Medicinskog fakulteta u Bolnici "Dr. M. Stojanovic" i Anatomski Institut Medicinskog fakulteta) Zagreb

"Transtemporal Extradural Section of the Large Superficial Petrosal Nerve in Headaches and Ozena"

Radovi Medicinskog Fakulteta u Zagrebu, Vol 13, No. 3; 1965, pp 215-220

Abstract [English summary modified]: Report on 53 resections of the superficial major petrosal nerve for headache, including that done in 15 patients with ozena, over the course of the last 3 years. In 9 of the patients, the resection was bilateral. A study on the anatomy of the temporal bone was done in 150 cadavers, listing the data on the various possible anomalies in the area and the general incidence in the 300 bones. There were no adverse effects from the surgery and in most of the cases the results were exceedingly good, even to the extent of the essentially complete cure of both nostrils when only a unilateral operation was done. 2 photomicrographs, 2 surgical diagrams; 13 Western and 6 Yugoslav and 1 Soviet reference; manuscript received 24 December 1965.

1/1

- 76 -

SUNAYKIN, A.A., kand.biolog.nauk

Method and results of studying the trichomonicidal properties  
of some preparations. Trudy VIEV 26:163-172 '62. (MIRA 16:2)

1. Laboratoriya patologii i fiziologii razmnozheniya Vsesoyuznogo  
instituta eksperimental'noy veterinarii.  
(Trichomonas)

VOLCHKOV, P.A., prof.; SUDAYKIN, A.A., starshiy nauchnyy sotrudnik;  
LICHKO, M.A., starshiy nauchnyy sotrudnik

Treating trichomoniasis in bulls. Veterinariia 42 no.7:80-81  
(MIRA 18:9)  
J1 '65.

1. Vsesoyuznyy institut eksperimental'noy veterinarii.

L 22682-66

ACC NR: AP5023736 (A) SOURCE CODE: UR/0346/65/000/008/0084/0085

AUTHOR: Sunaykin, A. A. (Candidate of biological sciences); Mikhaylov, N. N. (Candidate of biological sciences)

23  
B

ORG: All Union Institute of Experimental Veterinary VASKHNIL (Vsesoyuznyy institut eksperimental'noy veterinarii VASKHNIL)

TITLE: Use of neurotropic preparations for gynecological diseases of cows

SOURCE: Veterinariya, no. 8, 1965, 84-85

TOPIC TAGS: animal disease therapeutics, nervous system drug, drug effect, animal husbandry, hormone

ABSTRACT: Neurotropic preparations, furemon and proserine, have been used to treat gynecological diseases and infertility of cows at some sovkhozes near Moscow over the past seven years. Subcutaneous injections of a 0.5% aqueous solution of proserine or a 1% aqueous solution of furemon administered in a 2 ml dose at different intervals depending on course of treatment have been used by veterinary specialists for treatment of endometritis, ovary cysts, subinvolution of the uterus, and others. In treating ovary hypofunction, the therapeutic effect of

Card 1/2

UDC: 619:615.78:618.1:636.2

L 22682-66

ACC NR: AP5023736

D  
the neurotropic preparations was enhanced with the combined use of SZHK, a hormone preparation. With SZHK administered 5 to 6 days following the injection of a neurotropic preparation, the SZHK doses can be considerably reduced. The sovkhozes report that approximately 80% of the animals with hyneecological diseases or disorders have been successfully treated. It was also reported that the 1% aqueous solution of furamon in the recommended doses produces no side effects in animals.  
Orig. art. has: None.

SUB CODE: 06/ SUBM DATE: none

Card 2/2

BLC

SUNCHELEYEV, O.Kh.

Work capacity of mentally deficient persons and their attitude  
toward work as shown by data of occupational therapy. Uch.  
zap.LGU no.287:112-122 '60. (MIRA 13:6)  
(Mental deficiency) (Work, Method of)  
(Occupational therapy)

Д. М. Панько.

"Systems of Second Order Differential Equations of the Elliptic Type, Invariant Relative to a Group of Plane-parallel Motions."

Дипл. Phys.-math. Sci, Lvov State University Ivana Franko, Lin Higher  
Sect. of Phys.-math. Sci., Lvov, 1954. (UL, No 11, Mar 55)

SG: Sum. No. 670, 22 Sep 55--Survey of Scientific and Technical  
Dissertations Defended at USSR Higher Educational Institutions (15)

SUNCHELEYEV, R. Ya.

"Concerning One Method of Solving Some Boundary Problems of the Theory of Elasticity," by R. Ya. Suncheleyev, Nauch. Zap. L'vovsk. Politekhn. In-ta, Issue 30, 1955, pp 3-14 (from Referativnyy Zhurnal--Mekhanika, No 10, Oct 56, Abstract No 6820, by S. G. Lekhnitskiy)

The elastic equilibrium of a heterogeneous transversally isotropic body is studied. An equation is derived on which the author bases the solution of two problems of the equilibrium of such a body when variables and tensions on its surface are given.

Sum 1219

SOV/124-58-2-2067

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 2, p 80 (USSR)

AUTHOR: Suncheleyev, R. Ya.

TITLE: Equilibrium of an Elastic Isotropic Strip With Prescribed Boundary Displacements (Ravnovesiye uprugoy izotropnoy polosy pri zadannykh smeshcheniyakh na granitse)

PERIODICAL: Nauchn. zap. L'vovsk. politekhn. in-t, 1956 (1957), Nr 38, pp 45-52

ABSTRACT: An examination of the elastic equilibrium of an isotropic layer for prescribed, twice differentiable, finite displacements along its boundaries. The problem is solved by the group method under the assumption that there are no body forces. The solution is conducted in matrix form and is sought in the form of a Fourier series. The solution for the k-th harmonic is obtained in explicit form. In order that the series be convergent, the prescribed boundary displacement must satisfy certain supplementary conditions. It is pointed out that the problem can be solved when the boundary stresses are given or when the stress is given for one boundary and the displacement is given for the other.

Card 1/1

I. P. Sheremet'yev

SOV/124-58-3-3131

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 3, p 83 (USSR)

AUTHOR: Suneheteyev, R. Ya.

TITLE: On the Solution of Contact Problems of the Theory of Elasticity for a Uniform Anisotropic Body With an Axis of Symmetry of Infinite Order (K resheniyu kontaktnykh zadach teorii uprugosti dlya odnorodnogo anizotropnogo tela s os'yu simmetrii beskonechnogo poryadka)

PERIODICAL: Nauchn. zap. L'vovsk. politekhn. in-t, 1956 (1957), Nr 38,  
pp 53-65

ABSTRACT: The system of equilibrium equations of an elastic, uniform, transversally-isotropic body in terms of its deflection projections is presented in matrix form as a single equation. Using matrix symbols throughout, the author transforms this system by introducing a new set of independent variables  $y_1, y_2, y_3$  and functions  $w_1, w_2, w_3$  which are related to the initial linear relationships, as well as the polar coordinates  $r$  and  $\phi$ . The author further solves the first and second basic problems of the theory of elasticity for a transversally-isotropic semi-space with the aid of series of the type

Card 1/2

SOV/124-58-3-3131

On the Solution of Contact Problems of the Theory of Elasticity (cont.)

$$w = \sum_{-\infty}^{\infty} e^{ik\phi} \int_0^{\infty} I_{Ek+C_1}(\lambda r) X^{(k)}(\lambda y_3) d\lambda . \quad (1)$$

These solutions were obtained in a paper published earlier by the author for the more general instance of a nonuniform halfspace (Nauchn. zap. L'vovsk. politekhn. in-t, 1955, Nr 30, pp 3-14; RZhMekh, 1956, Nr 10, abstract 6820). The same series make it possible to solve a mixed problem, namely, on the pressure of a circular die applied to the contact plane. The latter problem is finally reduced to integral equations of the type of

$$M \int_0^{\infty} f(\lambda) I_{\nu}(\lambda r) d\lambda = g(r) \text{ for } r < 1 \quad \text{and} \quad L \int_0^{\infty} \lambda f(\lambda) I_{\nu}(\lambda r) d\lambda = 0 \text{ for } r > 1 , \quad (2)$$

where  $L$  and  $M$  are constants,  $g$  and  $I_{\nu}$  are known functions, and  $f(\lambda)$  is the unknown function; the solution of the above equations may be presented in explicit form. The problems examined above were solved earlier by a different method (see, for example, Khu Khay-chan, Uli syuebao, 1954, Vol 10, Nr 3, pp 239-251; Card 2/2 RZhMekh, 1956, Nr 1, abstract 349) S.G. Lekhnitskiy

SUNCHELEYEV, R.Ya.

Oscillation of a nonhomogeneous anisotropic semispace with an axis  
of elastic rotation symmetry under given boundary-displacement  
conditions. Trudy Inst. mat. i mekh. AN Uz. SSR no.21:83-89 '57.  
(MIRA 11:6)

(Elasticity) (Differential equations, Partial)

SUNCHELEYEV, R.Ya.

Solution of some boundary value problems for a transversely  
isotropic elastic medium. Izv.AN Uz.SSR. Ser.fiz.-mat.nauk  
9 no.3:21-28 '65.

(MIRA 19:1)

1. Tashkentskiy institut inzhenerov zheleznodorozhnogo  
transporta. Submitted December 15, 1964.

SUDOVAYEV, R.Ya.

Dynamic problems for a transversally isotropic half-space and  
an elastic layer. Izv. Akad. Nauk. SSR. Ser. fiz.-mat. nauk 9 no.6:37-  
48 '65. (MIFR 19:1)

Tashkentskiy institut inzhenerov zheleznychogo transporta.  
Submitted September 27, 1964.

SUNCHUGASHEV, X. I.

Ancient mining excavations in Khovu-Aksy. Uch.zap.nuv.nauch.  
issl.inst.iaz.lit.i ist. no.9:230-234 '61. (MIRA 15:5)  
(Khovu-Aksy--Mines and mineral resources)

SUNDAKOV, Yakov Arnol'dovich; SHNIRMAN, D.S., redaktor; KHROMCHENKO, V.I.,  
redaktor izdatel'stva; KUZ'MIN, G.M., tekhnicheskiy redaktor

[Geodetic work for the construction of multistory buildings]  
Geodezicheskie raboty pri stroitel'stve mnogoetazhnykh zdanii.  
Moskva, Izd-vo geodezicheskoi lit-ry, 1956. 222 p. (MLRA 9:8)  
(Building) (Geodesy)

BROSHTEYN, Grigoriy Savel'yevich; GRECHISHKIN, Vladimir Uvarovich;  
GLOTOV, G.P., dotsent, retdsenzentr; SUNDAKOV, Ya.A., retsensenzent;  
LEVCHUK, G.P., dotsent, red.; KHROMCHENKO, F.I., red.izd-va;  
ROMANOVA, V.V., tekhn.red.

[Plotting geodetic networks for construction surveys] Razbivka  
stroitel'noi geodezicheskoi setki. Moskva, Izd-vo geodes.lit-ry.  
1960. 71 p. (MIRA 14:2)

(Surveying)

AM4032513

## BOOK EXPLOITATION

S/

Starodubov, Vitaliy Leont'yevich; Sundakov, Yakov Arnol'dovich

Short base parallactic polygonometry (Korotkobazinsnaya parallakticheskaya poligonometriya) Moscow, Gosgeoltekhnizdat, 63. 0307 p. illus., biblio. 3,000 copies printed.

TOPIC TAGS: short base parallactic polygonometry, exact polygonometry, municipal polygonometry, engineering polygonometry, linear triangulation, commercial surveying

PURPOSE AND COVERAGE: Experience in the construction of local networks for a principal geodetic base, intended for the solution of engineering problems in large structures and commercial sites, is reported. The method chosen to ensure rapid and reliable creation of a reference for large-scale surveying, construction grids and special engineering grids is short-base parallactic polygonometry used in conjunction with linear triangulation and with quadrilaterals without diagonals. The most effective field and office methods for these purposes are also indicated. The book is intended as a practical manual for specialists engaged in exploration on industrial sites. It also contains the necessary theory, so that it can be

Card 1/3

AM4032513

most helpful to students of engineering geodesy in higher educational institutions. The authors are grateful to the head of the department of applied geodesy M. S. Mirav'yev for initiative in publication of the work, to B. A. Litvinov for valuable remarks during the review of the manuscript and to G. P. Levchuk for useful hints.

TABLE OF CONTENTS [abridged]:

Introduction - - 3
Ch. I. Principal geodetic base - - 7
Ch. II. Short-base parallactic method of determining line lengths - - 38
Ch. III. Exact polygonometry - - 94
Ch. IV. Municipal and engineering polygonometry - - 162
Ch. V. Linear triangulation in conjunction with the short-base parallactic method - - 185
Ch. VI. Method of quadrilaterals without diagonals - - 208
Ch. VII. Municipal and engineering polygonometric grids - - 219
Ch. VIII. Construction grids using short-base parallactic polygonometry - - 246
Ch. IX. Special polygonometric grids - - 270

Card 2/3

AM4032513

Appendices -- 277  
Literature -- 304

SUB CODE: ES

SUBMITTED: 27Mar63

NR REF SOV: 026

OWNER: 000

DATE ACQ: 28Oct63

Card 3/3

SUNDARAM, S.V.  
USSR/Chemical Technology - Chemical Products and Their  
Applications, Chemical Nuclear Engineering Questions.

I-2

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, 8767  
Author : Prakash, B. and Sundaram, S.V.  
Inst :  
Title : Separation of Hafnium from Zirconium by the Selective  
Oxidation of Zirconium in Mixed Chloride Vapors.  
Orig Pub : Khimiya yadernogo goryuchego (Dokl. in. uchenykh na Mezhdunar. konferentsii po mirnomu ispol'zovaniyu atom. energii, Zheneva, 1955), Goskhimizdat, Moscow, 1956, 523-532.  
Abstract : Thermodynamic calculations have been made for the reactions  $ZrCl_4(gas) + O_2 \rightleftharpoons ZrO_2 + 2Cl_2$  (1) and  $HfCl_4(gas) + O_2 \rightleftharpoons HfO_2 + 2Cl_2$  (2) in the temperature range 500-1200°; at 1,000°, the  $\Delta F$  and  $K_p$  for reaction (1) are -30,900 and  $2.02 \times 10^5$ , respectively

Card 1/3

USSR/Chemical Technology - Chemical Products and Their  
Applications, Chemical Nuclear Engineering Questions. I-2

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, 8767

contains 1.4% Hf and the volatile products, 25% Hf.  
The yield of ZrO<sub>2</sub> is 90-97%. Similar results were  
obtained with a wide range of temperatures and pres-  
sure ratios.

The bibliography lists 20 items.

Card 3/3

SUNDARAJAN, T.A.; KUMAR, K.S.V. Sampath; SARMA, P.S.

Studies on the incorporation of phosphate into casein in the lactating mammary gland [in English with summary in Russian].  
Biokhimiia 22 no.1/2:135-139 Ja-J '57. (MLRA 10:7)

1. University Biochemical Laboratory, Madras, India.  
(BREAST, metabolism,  
phosphate incorporation into casein during lactation)  
(PHOSPHATES, metabolism,  
mammary gland, incorporation into casein during lactation)  
(CASEIN, metabolism,  
mammary gland, incorporation of phosphate during lactation)  
(LACTATION, metabolism,  
mammary casein incorporation of phosphate)

SUNDARESEN, M.; GERASIMOV, Ya.I.; GEYDERIKH, V.A.; VASIL'YEVA, I.A.

Study of the thermodynamic properties of iron-platinum alloys  
by the method of electromotive forces. Zhur. fiz. khim. 37  
no.11:2462-2466 N°63. (MIRA 17:2)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

BELYANCHIKOV, P.P., inzh.; PRONIN, G.N., inzh.; SUNDATOV, V.I., inzh.

Modernized ADUB automatic weighing batchmeter for cyclic  
operation. Stroi.i dor.mash. 7 no.2:30-32 F '62. (MIRA 15:5)  
(Proportioning equipment) (Concrete)

HAINLA, V.; VALK, U.; RIISPERE, U., red.; SUNDMA, S., red.; TOOMSALU, E.,  
tekhn. red.

[Spruces growing in Estonia] Eestis kasvavad kuused. Tartu,  
Eesti NSV Teaduste Akadeemia, 1961. 77 p. (Abiks Looduseva-  
atlejale, no.45) [In Estonian with summary in English]  
(MIRA 15:1)

(Estonia—Spruce)

ALBRECHT, Zinaida; VILBASTE, J., red.; SÜNDEMA, S., red.

[Estonian Orthoptera (Orthoptera s. Saltatoria)] Eesti  
sihktiivalised (Orthoptera s. Saltatoria). Tartu, Eesti  
NSV Teaduste Akadeemia, 1963. 146 p. [In Estonian]  
(MIRA 17:6)

DUSETSKIN, V., red.; ISSAKO, L., red.; MIHHAILOV, O., red.; PERK, A.,  
red.; PRIILINN, O., red.; SUNDEMA, S., red.; SEVASTJANOV, A.,  
red.; TOOMSALU, E., tekhn. red.

[Proceedings of the Republic Conference on Plant Physiology and  
Genetics] Toimetused Vabariikliku konverentsi taimefisioloogia  
ja genetika alal, Tallinn, Eesti NSV Teaduste Akadeemia, 1963.  
(MIRA 16:8)  
314 p.

1. Vabariiklik konverents taimefisioloogia ja geneetika alal  
Tallinn, 1961.  
(Plant--Physiology) (Genetics)

ANNE L. M., A.

The burning of brown coal dust from the Most area and of lignite  
on traveling grates. p. 146. MAIE. Ustav pro vyzkum a využití  
práv. Praha. No. 4, 1954.

SOURCE: East Euro-ean Acce-sions List, (EMAL), Library of Congress,  
Vol. 5, no. 12, December 1956.

(VII/1957), rantsík

Spalování níkachinných paliv na mechanických prohrabávácích rostech.  
(Combustion of low-grade fuels on trates with a Mechanical Jeker. 1st ed.  
illus., ciel.) Prague, ČTECH, 1957. 50 p.

Bibliograficky katalog, ČSR, Česke knihy, № 33. 24 Sept 57. p. 722

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653920006-9

Supplementary

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653920006-9"

SUNDERHAUF, F.

"Vast possibilities for saving fuels in all fields of consumption."  
P. 23.

PALIVA. (Ministerstvo paliv a Ceskoslovenska vedecka technicka  
spolecnost pro byuziti paliv pri Ceskoslovenske akademii ved). Praha,  
Czechoslovakia, Vol. 39, No. 1, Jan. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,  
August 1959.  
Uncla.

SUDĚBČÍKOVÁ, F.; PROCHÁZKA, V.; VICKOVÁ, Z.

Percentage of sulfur during combustion of inferior lignite in boiler units.  
p. 198

PALIVA. (Ministerstvo paliv a Československá vedecká technická společnost  
pro užití paliv před Československou akademii věd) Praha, Czechoslovakia  
Vol. 39, no. 6, June 1959

Monthly list of East European Accessions (EEAI) LC, vol. 9, no. 1,  
Jan. 1960

Uncl.

SUNDERHAUF, Fr., inz.; STASTNY, J., inz.

Using low-quality fuels in boiler rooms. Paliva 41 no.4:115  
Ap '61.

SUNDERHAUF, Frantisek, inz.; STASTNY, J., inz.

Experimental combustion of the Chomutov lignite and  
bituminous coal with a high content of ash in a twin  
draft combustion chamber. Energetika Čz ll no.4:166-172  
Ap '61.

SUNDERHAUF, F.; STASTNY, J.

Possibility of an effective use of Czechoslovak low-grade  
fuels. Prace Ust paliv no. 5:127-222 '62.